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**Part Number:** [0512383012](#)  
**Status:** **Active**  
**Overview:** CRC™ (Compact Robotic Connectors)  
**Description:** CRC™ Shielded Rectangular I/O Receptacle Housing for Female Terminal, Signal, 30 Circuits, Polarization Type A, Polarization Position C-3

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51238-018-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-51238-011-001 (PDF)</a>
<a href="#">Product Specification PS-51238-010-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	I/O Connectors
Series	<a href="#">51238</a>
Application	Panel-Mount, Wire-to-Wire
Component Type	Housing
Overview	<a href="#">CRC™ (Compact Robotic Connectors)</a>
Product Name	CRC™
Type	N/A
UPC	800756530598

**Physical**

Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Stainless Steel
Material - Plating Mating	N/A
Material - Resin	Polyester
Net Weight	5573.200/mg
Number of Rows	6
Orientation	Vertical
PCB Locator	No
Packaging Type	Tray
Panel Mount	Front, Rear
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No

**Electrical**

Current - Maximum per Contact	1.0A, 2.5A, 2.0A, 3.0A
Shielded	No
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[51238](#) Series

**Mates With**

CRC™ Shielded Rectangular I/O Plug  
Housing [51234](#) , [55836](#)

**Use With**

CRC™ Shielded Rectangular I/O  
Receptacle Shell [56377](#) , [56120](#) , [56121](#)

**Reference - Drawing Numbers**

Application Specification

Product Specification

Sales Drawing

AS-51238-011-001

PS-51238-010-001, PS-51238-018-001

SD-51238-009

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